

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MD(HOM.) 0823]

**AUGUST 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 3002

**M.D. (HOMOEOPATHY) DEGREE EXAMINATION
PART – I (For candidates admitted from 2016-2017 onwards)
COMMON TO ALL BRANCHES
PAPER II - RESEARCH METHODOLOGY AND BIO-STATISTICS**

Q.P. Code: 443002

Time : Three Hours

Answer all questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is Sampling and different types of sampling methods?
2. Explain the significance of Learning Research Methodology and list down the challenges faced while conducting research in Homoeopathy.

II. Write notes on:

(10 x 6 = 60)

1. Explain the conditions for Type I and Type II error.
2. What is the purpose of Frequency distribution tables, demonstrate an example?
3. Levels of significance and type of tests.
4. What is Mean, Median, Mode and Standard deviation?
5. What is the importance of Bio-Medical research?
6. What are common ethical issues?
7. What is probability and p value?
8. Student's t test.
9. Vital statistics.
10. Standard error.
